

REMARKS

Claims 1-4 and 6-23 are pending in the present application. Claims 1, 7, 13, and 17-23, the only independent claims in this application, have been amended to more clearly define what Applicant regards as his invention.

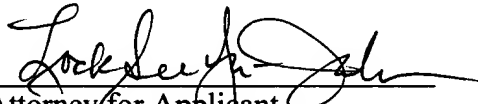
The present Preliminary Amendment is intended to clarify that, when user information or an ID representing a user is input, then the user is notified of transmission result information regarding a data transmission that is performed via a line to a data processing terminal connected to a network, in accordance with the user information or the ID.

In the Office Action dated February 27, 2001, it was asserted that the ID in Claim 7 corresponds to the destination user identifier 34 in U.S. Patent No. 5,552,901 (Kikuchi et al.). Applicant submits, however, that the destination user identifier 34 refers to a destination for performing data transmission via a line, and does not correspond to a data processing terminal. That is, the destination user identifier 34, as understood by Applicant, refers to a communication line and not to a data processing terminal. To clarify this difference, the claims of the present application distinguish between a connector and a line. The other references of record in this application are not believed to teach or suggest this feature.

In view of the above, favorable consideration and an early passage to issue of this application are respectfully requested.

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,


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VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1. (Amended Five Times) A data communication system comprising:

a connector, adapted to connect a network that is connectable to a plurality of data processing [terminal] terminals to said data communication system;

an operation input unit, adapted to receive a manual designation manually inputted by an operator[, said operation input unit being a part of said data communication system];

a data transmitter, adapted to transmit data based on the designation inputted by said operation input unit, the data being transmitted to an external data communication terminal via a line that does not include said connector; and

a notification unit, adapted to notify the data processing terminal, via said connector, of transmission result information representing a data transmission performed by said data transmitter based on the designation inputted by said operation input unit,

wherein said notification unit notifies the data processing terminal of the transmission result information in accordance with a change in state of said data communication system, [and]

wherein said notification unit notifies the data processing terminal of the transmission result information related to the data transmission upon completion of the data transmission performed by said data transmitter, and

wherein said notification unit notifies, in a case where user information is inputted

by said operation input unit with an address of the external data communication terminal, a data processing terminal corresponding the user information of the transmission result information.

7. (Amended Four Times) A data communication system comprising:

a connector, adapted to connect a network that is connectable to a plurality of data processing terminals to said data communication system;

an operation input unit, adapted to receive a manual designation manually inputted by an operator, said operation input unit being a part of said data communication system;

a designation unit, adapted to designate an ID, representing a user on the network connected by said connector, from the manual designation inputted by way of an operation of said operation input unit;

a data transmitter, adapted to transmit data based on a [designation] destination inputted by said operation input unit [in accordance with an ID designation performed by said designation unit], the data being transmitted to an external data communication terminal via a line that does not include said connector;

a notification unit, adapted to notify the user on the network connected by said connector corresponding to the ID designated by said designation unit, via said connector, of information representing a data transmission performed by said data transmitter based on the [designation] destination inputted by said operation input unit [and in accordance with the ID designation performed by said designation unit];

a determination unit, adapted to determine whether or not the ID is designated by said designation unit; and

a controller, adapted to control said notification unit in accordance with a determination result of said determination unit,

wherein said notification unit notifies the data processing terminal of information related to the data transmission upon completion of the data transmission performed by said data transmitter.

13. (Amended Six Times) A method of controlling a data processing terminal, connected [via a connector] to a data communication system via a connector that connects the data communication system to a plurality of data processing terminals for performing data communication with a destination, and of controlling the data communication system, said method comprising:

an input step, in which an operator manually inputs a destination[, said input step being performed at an] using an operation input unit [that is a part of the data communication system];

a transmission step, in which data is transmitted based on the destination inputted in said input step, the data being transmitted to an external data communication terminal via a line that does not include the connector;

a reception step, in which communication result information representing a data communication performed in accordance with [a manual operation] the destination inputted by

the operator in said input step is received from the data communication system;

an instruction step of instructing the data communication system to communicate with the destination;

a storage step of independently storing the communication result information received in said reception step and communication result information representing a data communication based on an instruction in said instruction step; and

a notification step of notifying the data processing terminal of the communication result information related to [a] the data [transmission] communication upon completion of the data transmission performed in said transmission step,

wherein said notification step includes notifying, in a case where user information is inputted using the operation input unit with an address of the external data communication terminal, a data processing terminal corresponding the user information of the communication result information.

17. (Amended Six Times) A method of controlling a system that includes a data communication system for performing data communication with a destination and a data processing terminal for controlling the data communication system, the data communication system being connected to the data processing terminal via a network that is connectable to a plurality of data processing terminals, said method comprising the steps of:

at the data communication system:

inputting a designation manually entered by an operator using an operation

input unit;

designating an ID based on [a] the manual [operation performed by a user]
designation inputted using [an] the operation input unit [of the data communication system];

performing data communication with an external data communication
terminal in accordance with [the ID designation] a destination inputted using the operation input
unit; and

notifying the data processing terminal corresponding to the designated ID,
via a connector connecting the data communication system and the data processing terminal, of
communication result information representing the data communication with the external data
communication terminal based on the inputted destination, and

at the data processing terminal:

instructing the data communication system to communicate with a
destination;

receiving communication result information notified by the data
communication system in said notifying step; and

independently storing the communication result information related to the
data communication based on an instruction in said instructing step and communication result
information received from the data communication system in said receiving step,

wherein said notification step notifies the data processing terminal of the
communication result information related to [a] the data [transmission] communication upon
completion of the data transmission performed by the data communication system, and

wherein said notification step includes notifying, in a case where user information is inputted using the operation input unit with an address of the external data communication terminal, a data processing terminal corresponding the user information of the communication result information.

18. (Amended Five Times) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system connected to a network that is connectable to a plurality of data processing [terminal] terminals via a connector, the program comprising:

program code for an input step of receiving a designation manually inputted by an operator using an operation unit [that is part of the data communication system];

program code for a transmission step of transmitting data based on the designation manually inputted in said input step, the data being transmitted to an external data communication terminal via a line that does not include the connector; and

program code for a notification step of notifying the data processing terminal, via the connector, of transmission result information representing a data communication performed in the transmission step based on the designation manually inputted in the input step and in accordance with a change in state of the data communication system,

wherein the notification step notifies the data processing terminal of the transmission result information related to [a] the data transmission upon completion of the data transmission performed in the transmission step, and

wherein said notification step includes notifying, in a case where user information is inputted using the operation input unit with an address of the external data communication terminal, a data processing terminal corresponding the user information of the transmission result information.

19. (Amended Five Times) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system connected to a network that is connectable to a plurality of data processing terminals via a connector, the program comprising:

program code for an input step of receiving a designation manually inputted by an operator using an operation unit that is a part of the data communication system;

program code for a designation step of designating an ID, representing a user on the network connected by the connector, from the manually inputted designation;

program code for a transmission step of transmitting data based on a [designation] destination manually inputted in the input step [and in accordance with the ID designated in the designation step] using the operation input unit, the data being transmitted to an external data communication terminal via a line that does not include the connector;

program code for a notification step of notifying the user on the network connected by the connector corresponding to the designated ID, via the connector, of information representing a data communication performed in the transmission step based on the [designation] destination manually inputted in [said] the input step [and in accordance with the ID designated

in the designation step];

program code for a determination step of determining whether [an] the ID is designated in the designation step; and

program code for a control step of controlling the notification step in accordance with a determination result of the determination step,

wherein the notification step notifies the data processing terminal of information related to a data transmission upon completion of the data transmission performed in the transmission step.

20. (Amended Five Times) A computer-readable storage medium storing a program for implementing [via a connector] a method for controlling a data processing terminal, connected to a data communication system via a network that connects the data communication system to a plurality of data processing terminals for performing data communication with a destination, and for controlling the data communication system, the program comprising:

program code for an input step, in which an operator manually inputs a [designation, the input step being performed at an input unit that is a part of the data communication system] destination using an operation input unit;

program code for a transmission step, in which data is transmitted based on the [designation] destination inputted in the input step, the data being transmitted to an external data communication terminal via a line that does not include the connector;

program code for a reception step, in which is received communication result

information representing a data communication performed by the data communication system based on the [designation] destination manually inputted by the operator in the input step [from the data communication system];

program code for an instruction step, in which the data communication system is instructed to communicate with the destination by the data processing terminal;

program code for a storage step, in which is independently stored the communication result information received in the reception step and communication result information representing the data communication based on an instruction in the instruction step; and

program code for a notification step, in which the data processing terminal is notified of the communication result information related to [a] the data [transmission];

communication upon completion of the data transmission performed in the transmission step,

wherein the notification step includes notifying, in a case where user information is inputted using the operation input unit with an address of the external data communication terminal, a data processing terminal corresponding the user information of the communication result information.

21. (Thrice Amended) A data communication system that communicates with an external device via a transmission path, and that communicates with a data processing terminal, said system comprising:

a signal path through which said data communication system communicates with

the data processing terminal, said signal path being a path different from the transmission path;

an input section through which an operator manually inputs a designation to the data communication system;

a transmitter that, based upon the manually inputted designation, transmits data through the transmission path to the external device; and

a notifier [which] that, because of a change in state of said data communication system, notifies the data processing terminal through said signal path of transmission result information corresponding to the data [transmitted] transmission by said transmitter based upon the manually inputted designation,

wherein said notifier notifies the data processing terminal of the transmission result information related to [a] the data transmission upon completion of the data transmission performed by said transmitter, and

wherein said notifier notifies, in a case where user information is inputted by said input unit with an address of the external device, a data processing terminal corresponding the user information of the transmission result information.

22. (Thrice Amended) A method of controlling a data communication system that communicates with an external device and with a data processing terminal, said method comprising the steps of:

manually inputting a designation to the data communication system;

transmitting data to the external device[,] via a transmission path, based upon the

manually inputted designation, said transmitting step producing [a] transmission result

information; and

notifying, as a consequence of a change in state of the data communication system and via a signal path that does not correspond to the transmission path, the data processing terminal of the transmission result information,

wherein said notifying step notifies the data processing terminal of the transmission result information related to [a] the data transmission upon completion of the data transmission performed in said transmitting step, and

wherein said notifying step includes notifying, in a case where user information is inputted in said inputting step with an address of the external device, a data processing terminal corresponding the user information of the transmission result information.

23. (Thrice Amended) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system that communicates with an external device and a data processing terminal, the program comprising:

code for an input step of inputting a manual designation to the data communication system;

code for a transmission step of transmitting data to the external device[,] via a transmission path, based upon the inputted manual designation, the transmitting step producing [a] transmission result information; and

code for a notification step of notifying, as a consequence of a change in state of

the data communication system and via a signal path that is not the transmission path, the data processing terminal of the transmission result information,

wherein [said code for] the notification step includes notifying [notifies] the data processing terminal of the transmission result information related to [a] the data transmission upon completion of the data transmission performed [by said code for transmitting] in the transmission step, and

wherein the notification step includes notifying, in a case where user information is inputted in the input step with an address of the external device, a data processing terminal corresponding the user information of the transmission result information.